

Title (en)

PICKUP DRIVE SYSTEM FOR AN AGRICULTURAL BALER

Title (de)

ANTRIEB FÜR PICK-UP FÜR LANDWIRTSCHAFTLICHE BALLENPRESSE

Title (fr)

SYSTÈME D'ENTRAÎNEMENT POUR PICK-UP DE PRESSE AGRICOLE

Publication

EP 3815507 B1 20230823 (EN)

Application

EP 20204615 A 20201029

Priority

US 201916669133 A 20191030

Abstract (en)

[origin: EP3815507A1] A pickup unit (16) of an agricultural baler (10) that includes a reel (18) with a plurality of tines (20) configured for lifting a crop material from a field, the reel (18) is rotatable in an operating direction and a reverse direction, and a drive system (200, 600) configured for driving the reel (18). The drive system (200, 600) includes a gearbox (202) configured for receiving motive power from a power take off (PTO) shaft (40), a drive shaft (210) operably connected to the gearbox (202), and a first clutch (216, 602) connected to the drive shaft (210). The first clutch (216, 602) is configured for operably disconnecting motive power to the reel (18) so that the reel (18) is manually rotatable as the PTO shaft (40) remains operably engaged with the gearbox (202).

IPC 8 full level

A01D 89/00 (2006.01)

CPC (source: EP US)

A01D 69/08 (2013.01 - US); **A01D 75/182** (2013.01 - US); **A01D 89/002** (2013.01 - US); **A01D 89/005** (2013.01 - EP US); **B60W 10/02** (2013.01 - US); **A01F 15/0715** (2013.01 - US); **A01F 15/0833** (2013.01 - US); **A01F 15/0841** (2013.01 - US); **A01F 15/085** (2013.01 - US); **A01F 15/106** (2013.01 - US); **B30B 9/305** (2013.01 - US); **B30B 9/3082** (2013.01 - US); **F16D 7/025** (2013.01 - US); **F16D 13/40** (2013.01 - US); **F16D 13/76** (2013.01 - US); **F16H 7/1281** (2013.01 - US); **F16H 2007/0806** (2013.01 - US); **F16H 2007/0865** (2013.01 - US); **F16H 2007/0893** (2013.01 - US)

Cited by

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DOCDB simple family (publication)

EP 3815507 A1 20210505; EP 3815507 B1 20230823; US 11589514 B2 20230228; US 2021127580 A1 20210506

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